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10/056469  
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PATENT NUMBER and  
ISSUE DATE

U.S. UTILITY Patent Application

|                      |                           |              |                 |             |                 |
|----------------------|---------------------------|--------------|-----------------|-------------|-----------------|
| APPL NUM<br>10056469 | FILING DATE<br>01/17/2002 | CLASS<br>363 | SUBCLASS<br>225 | GAU<br>2838 | EXAMINER<br>Han |
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\*\*APPLICANTS: Sluijs Ferdinand; Hart Cornelis;

\*\*CONTINUING DATA VERIFIED:

\*\* FOREIGN APPLICATIONS VERIFIED:

EUROPEAN PATENT OFFICE (EPO) 01200169.9 01/18/2001

|  |   |  |                                 |
|--|---|--|---------------------------------|
| PG-PUB   | DO NOT PUBLISH <input type="checkbox"/> | RESCIND <input type="checkbox"/>   |                                 |
| Foreign priority claimed<br>35 USC 119 conditions met<br>Verified and Acknowledged Examiner's initials |   | <input type="checkbox"/> yes <input type="checkbox"/> no<br><input type="checkbox"/> yes <input type="checkbox"/> no | ATTORNEY DOCKET NO<br>NL 010015 |
| TITLE : DC/DC up/down converter  |   |  |                                 |

U.S. DEPT. OF COMM./PAT & TM-PTO-436L (Rev. 12-94)

|  |           |                      |                |                     |
|--|-----------|----------------------|----------------|---------------------|
| NOTICE OF ALLOWANCE MAILED   |           | Assistant Examiner   | CLAIMS ALLOWED |                     |
|  |           |                      | Total Claims   | Print Claim for O.G |
| ISSUE FEE  |           | DRAWING              |                |                     |
| Amount Due   | Date Paid | Sheets Drwg.         |                | Figs.Drwg.          |
| <input type="checkbox"/> TERMINAL<br>DISCLAIMER  |           | Print Fig.<br>3      |                |                     |
|  |           | Primary Examiner     |                |                     |
|  |           | PREPARED FOR ISSUE   |                |                     |
|  |           | Application Examiner |                |                     |
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